avicom

USER   MANUAL

Model No FU02-090

ETSI FSK/DTMF COMPLIANT

INTRODUCTION

This Electronic Push Button Telephone is an Integrated Telephone

The **FU02-090** is a feature rich telephone instrument designed to provide

a wide range of facilities and services incorporating the latest state-of-the

art technologies, All the features are user friendly.

This design brings you enhanced voice clarity, high performance and

good reliability.

ACCESSORIES:

a) Handset

b) Coil Handset Cord

c) Telephone Line Cord

d) AA size Batteries 3 Nos

e) User Manual

SALIENT FEATURES OF FU02-090 PHONE

≫ Dual mode caller ID (DTMF/FSK)

≫ To review the Missed Calls and Received Calls through Up/down Keys

≫ Single touch "Outx" Key to view the recent dialed numbers

≫ Multiple ring options with 8 ring tones

≫ Real time clock, date, month and year settings

≫ Duplex speaker phone with 4 levels of volume adjustment

≫ Pre dialing function, to edit a wrong entry before dialing out

≫ Ringer volume adjustment from 0 to 3 levels

≫ 4 levels of LCD contrast

≫ Temporary ringer mute

≫ Adjustable Flash time

≫ Mute and redial function

≫ One touch keys for emergency number's.

≫ Menu key:interface for navigating through the phone menu

≫ Back Light facility with **ON / OFF** Provision
   (back light works with batteries only)

≫ Head set Feature

BATTERIES :

The batteries used on your phone are AA pencil batteries of 1.5V each. You need **3** such batteries to run the phone functions optimally. Replace the used batteries immediately on the **"BATTERY LOW"** indication that flashes on the phone LCD display.

Some Precautions:

● While replacing batteries, make sure that the phone is disconnected.

● Replace all batteries together, do not try & mix new batteries with old batteries.

● Be sure to replace the batteries within 5 minutes of their removal to retain the phone settings. Else you would have to reset the functions on your phone.

● Do not throw used batteries in any fire.

FLASH / RECALL KEY:

- When the phone is connected to the EPABX ,flash key can be used to activate additional features, e.g.transfer of a call or pick up of a call. flash timing can be set to 90, 100, 110, 200, 300, 400, 500,& 600ms

OUTX KEY:

- Under stand by mode, press **OUTX** to view the dialed numbers history. Scroll using **UP** or **Down** to review all the dialed number records. Press speaker or pick up the handset the number will be dialed out automatically.

MESSAGE WAITING:

- The APAE-09 has built in message waiting indicators that are comp -atible with most type of PABX with such a facility. By correct settings of switch housed in the compartment on the base bottom, The telephone can be set to detect to a number of message waiting signal.

Message waiting signal	MW switch	Set Indicator
Polarity normal	1	LED ON
Polarity revised	2	LED ON
90V or above AC or DC	off (Default)	NEON ON

SAFETY INSTRUCTIONS:
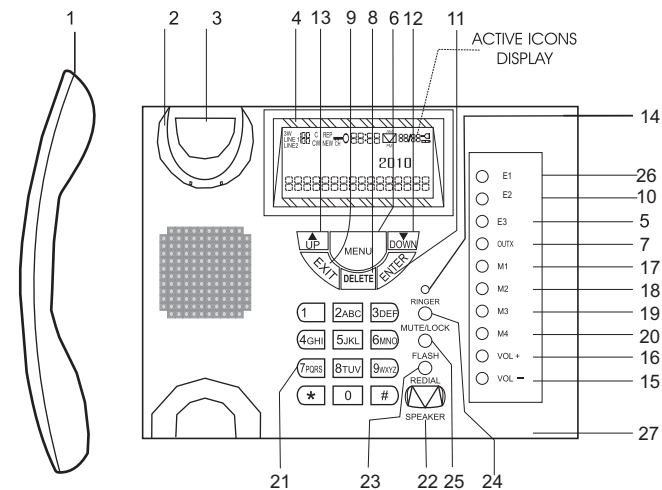
SOME Do's & Don't's

When using FU02-090 telephone, basic safety precautions must be always be taken to reduce the risk of fire, electric shock & injury. Some of these are:

- Ensure that the phone cord is safely & firmly fixed, away from constant pulls and tugs to save it from pet abuse or from being trampled by people walking across it.

- Do not place the phone in wet surrounding e.g. Near bathtub, washbowl, kitchen sink, etc.,
- Do not dissemble the phone, opening or removing covers may expose you to dangerous voltages or other risks & nullifies the warranty benefits.

- Slots & openings in the cabinet are provided for ventilation and better performance of some of the functions like Hands Free, Microphone etc. Ensure that while placing the phone on bed, sofa, rug or the similar surfaces, you are not blocking these openings.

- Never place a phone in any enclosed box, proper ventilation is required.

- Do not overload the wall outlet & extensions cords as this can result in the risk of electric shock and a dead phone.

- Do not insert any kind of objects through the cabinet slots these may damage the phone. This could also result in short circuits with in the phone, putting you at a risk of an electric shock.

HEADSET SETTING

- Insert your headset jack as specified on back of the telephone
- Press Speaker key and Hear dial tone
- Set the converse volume at "Level 1" in headset mode
- Scroll UP & DOWN key to adjust the converse volume or you can adjust converse through Vol+ or Vol- keys
- Continue your conversation with your headset

FUNCTION CONTROL LOCATION

ACTIVE ICONS DISPLAY

1. Handset	11. Enter	21. Alphanumeric Keys
2. Handset guide	12. Scroll down	22. Speaker (HF)
3. Cradle Switch	13. Scroll Up	23. Redial
4. LCD Display	14. Ringer LED	24. Mute / Lock
5. E3	15. VOL-	25. Flash / Recall
6. Menu key	16. VOL+	26. E1
7. Outx	17. MI	27. Telephone Body
8. Delete	18. M2	
9. Exit	19. M3	
10. E2	20. M4	

HOW TO INSTALL YOUR FU02-090 PHONE

- The unit requires 3 X 1.5V AA batteries. Open the battery compartment cover and insert the batteries with the right polarity and replace the cover. There should be time display on the **LCD** screen after the batteries are inserted.
- Insert one end of the line cord to the line jack of the base and the other end to the wall outlet of exchange.
- Connect the handset and the unit with the coil cord and line cord.
- Lift the handset to confirm that you have dial tone.

HOW TO SET YOUR FU02-090 PHONE

I . SETTING DATE & TIME:

- In on-hook state, press **MENU** key, LCD displays **SET DATE** and press **Enter** key, the value for the year flashes.
- Press **Up/Down** Key to Edit the year.
- Press **Enter** key to confirm and enter the next value month setting.
- Repeat the above steps for month setting.
- Repeat the above steps for date and time setting.

II. SETTING RINGER MELODIES:

- In on-hook state, press **MENU** key
- LCD displays **SET DATE** and Press **DOWN** key to scroll to '**SET RING**'
- Press **ENTER** and scroll to choose between any one of the 8 ring melodies

III. SETTING RINGER VOLUME:

- In On-Hook State, Press **VOL +** or **VOL-** Key to adjust the ringer volume over 4 levels (0,1,2&3)
- At the 0 level the **LCD** displays **RINGER** OFF.
- During an incoming call, the ringer can be muted temporarily by using '**MUTE'** key

OTHER IMPORTANT KEYS

KEYPAD LOCK:

- In on-hook state, press **MUTE/LOCK** key display shows '**INPUT PASS'** , now enter the correct password using dial-pad then press **ENTER**.
- If you release the lock, press **MUTE/LOCK** key again display shows '**INPUT PASS'** , now enter the correct password using dial-pad then press **ENTER**.

MUTE KEY:

- By pressing **MUTE** during a call, you will not allow the (called *I* calling person to hear what you say. You can however hear called *I* calling party. On pressing **MUTE** again, you can restore the conversation to normal

REDIAL KEY:

- In stand by mode, press **REDIA**L to view the latest dialed number. Scroll using **UP** or **Down** to review all the dialed number records. Press speaker or pick up the handset the number will be dialed out automatically. Under off hook mode, if you press **REDIAL** the phone will dial the last dialed number.

SINGLE TOUCH MEMORY:

Three Emergency/Permanent single touch memory are provided on your phone and they are designated as E1 to E3

A) Store:

- At on hook condition press *#01#
- Display shows BL ON Press E1, display shows "_ _", now enter the desired number to be stored
- Press Enter key to save
- After completing the above steps, press *#01# to lock the memory

B) Dialing Out from E1 to E3.

- Lift the handset or Press **SPEAKER**
- Press E1 to E3. as desired.
- The number stored in this position will be displayed and dialed out.

VIII. PABX CODE SETTING:

- In on-hook state, press **MENU** key

- Press **DOWN** Key to Scroll to **"SET P CODE"** and press **ENTER**

- LCD displays ---------------

- Enter the required number from the keypad

- Press **ENTER** to Save

IX. LOCAL AREA CODE SETTING:

- In on-hook state, press **MENU** key

- Press **DOWN** Key to Scroll to **"SET L CODE"** and press **ENTER**

- LCD displays ---------------

- Enter the required number by the pressing numeric keypad i.e. for Example if you live in Mumbai your LOCAL AREA CODE will be 022 and not 22 and press **ENTER**

- If you want to correct the area code, then press **DELETE** key to erase.

- When LCD display **"022"**

- Press ENTER to Save

X. ALARM SETTING (5 Groups)

- In on-hook state, press **MENU** key

- Press **DOWN** key to scroll to **"SET AL"**, and press **ENTER**

- LCD displays '**AL 1 OFF**' and scroll down to choose the Groups (1 to 5) of alarms using **UP/DOWN** keys and press **ENTER**.

- **LCD** start flashing **OFF**

- Press **UP/ DOWN** key to select **ON** or **OFF**

- LCD displays "INPUT" & value "**12**" starts to flash and adjust the alarm time using UP/DOWN keys.

- Press **ENTER** to save.

MAKE A CALL:

From handset

- Pick up the handset.

- When you hear the dial tone, dial the desired number.

- The unit will start to time the conversation after 6 seconds.

- When finished, return the handset to the base.

From Speakerphone

Press **Speaker** key

- When you hear the dial tone, dial the desired number.

- The unit will start to time the conversation after 6 seconds.

- When finished, press **Speaker** key again.

Pre-dialing function:

- When the handset is on the base, dial the desired number.

- If there are mistakes, use the **DELETE** key to edit.

- Press **Speaker** key or pick up the handset and the number will be dialed automatically.

ANSWER A CALL:

- When a call comes, the telephone rings, and LCD displays the seq. Number of the call, the date, time, incoming number and the NEW icon.

- If the same number is received again, and the previous call has not been reviewed, the LCD displays REP icon.

- Lift the **handset** or Press **Speaker** and talk to the other party.

- When finished, return the handset to the base.

CHANGE THE TALKING MODE:

- When talking from the handset, press **Speaker** key

- Put the handset down, the phone will transfer to **Speaker** talking mode.

- While talking from **Speaker** mode, lift the handset, the phone will transfer to the handset mode.

- When finished, press **Speaker** key again.

CALL REGISTER REVIEW
(MISSED CALLS, RECEIVED CALLS & DIALED CALLS)

MISSED CALLS LIST:

In on/off-hook state, first press **UP** key then scroll **UP/DOWN** to review the missed call list and view the icon to see if it is repeated call or a New Call.

RECEIVED CALLS LIST:

In on/off-hook state, first press **DOWN** key then scroll to **UP/DOWN** review the received call list.

Erase the Numbers from List:
In on-hook state, when the desired number is shown, press **DELETE** key twice the selected number will be deleted. Or press and hold **DEL** key for 3 seconds all the incoming numbers are deleted.

Make a Call from Missed Call List or Received Call List

- In on-hook state, scroll to the desired number, press **Speaker** key or pickup the handset, the number is dialed out, or press **REDIAL** key, the telephone will add the long distance code ahead of the number automatically.
- In off-hook state, scroll to the desired number, press **REDIAL** key to dial it out.

NOTE: If the PABX code is set, the telephone will detect and add the PABX code before the number automatically and then dial back. It will dial the PABX code first and then after a 2 seconds pause will then dial the number.

DIALED CALLS LIST:

In on/off -hook state, press **OUTX** key, then repeat pressing **OUTX** to review out going numbers one by one.

Make a Call from DIALED CALL LIST :

- In the On-hook state, press **OUTX** key to review the desired number, then press **Speaker** key or pick up the handset, and the number is dialed out, or
- In the off-hook state, review the desired number, press **REDIAL** key to dial it out.

Erased:

- In on-hook state, press **OUTX** key to scroll to the desired number.
- Press **DEL** key twice and the number is deleted, or
- Press and hold **DEL** key for 3 seconds. All numbers will be deleted.

IV. SETTING PASSWORD (For Dial pad Lock)

- In on-hook state, press **MENU** key,
- LCD displays **SET DATE** and Press **DOWN** key to scroll to **'SET PASS'**
- Press **ENTER** and LCD displays **INPUT PASS**
- Input Current Password using Key pad (Default Password is 0000)
- If entered password is wrong display shows **"Error"**
- Then re-enter the correct password
- After entering the correct password LCD displays **"INP N PASS"**, **n**ow enter the New Password, then Press **ENTER**
- LCD displays **'SAVE'**

V. LCD CONTRAST SETTING

- In on-hook state**,** press **MENU** key
- Press **DOWN** Key to Scroll to **"SET LCD"** Contrast Level **"1** or **2** or **3** or **4 "**
- Press **ENTER** and LCD Shows **"SAVE"**

VI. LCD BACK LIGHT SETTING
Setting back light function **"ON or OFF"**

- In on-hook state**,** press **MENU** key
- Press **DOWN** Key to Scroll to **"SET BL"**
- Press **ENTER** and Scroll down to **Enable** for Back Light **'ON'** or **Disable** for Back light **'OFF'**
- Press **ENTER** and LCD displays **"SAVE"**

VII. FLASH TIME SETTING

- In on-hook state**,** press **MENU** key
- Press **DOWN** Key to scroll to **"SET FLASH"**
- Press **ENTER** and Scroll down to choose from flash time 90,100,110, 200,300,400,500 and 600 ms. Note: Factory Set Flash Time is 90ms
- Press **ENTER** to save.